

Form PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

046577-0103

SERIAL NO.

09/989,913

INFORMATION DISCLOSURE CITATION

APPLICANT

Theresa M. Buckley

FILING DATE

11/20/2001

GROUP ART UNIT

1773

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
REB	A6	4,003,426	1/1997	Best, et al	165	10X	
REB	A7	4,572,864	2/1986	Benson, et al	428	305.5	
REB	A8	4,596,738	6/1986	Metcalfe et al	428		308.4
REB	A9	4,756,958	7/1988	Bryant et al	428		
REB	A10	4,851,291	7/1989	Vigo, et al	428		
REB	A11	4,856,294	8/1989	Scaringe et al	62		
REB	A12	4,894,931	1/1990	Senee et al	36	2.600	
REB	A13	4,908,166	3/1990	Salzer	264	22	
REB	A14	4,964,402	10/1990	Grim, et al	128	80	
REB	A15	5,143,765	9/1992	Mair, et al	428	36.5	
REB	A16	5,290,904	3/1994	Colvin	165	10X	
REB	A17	2,357,851	9/1944	Scheyer	428	242	
REB	A18	3,032,772	5/1962	Fonash	2	21	
REB	A19	3,652,200	3/1972	Miyasaka	8	54	
REB	A20	3,940,811	3/1976	Tomikawa, et al	428	304.4	
REB	A21	3,950,789	4/1976	Konz, et al	2	93	
REB	A22	4,055,699	10/1977	Hsiung	428	311	
REB	A23	4,186,648	2/1980	Clausen, et al	428	242	
REB	A24	4,331,731	5/1982	Seike et al	428	305.5	
REB	A25	4,504,402	3/1985	Chen et al	252	70	
REB	A26	4,528,231	7/1985	Lund	428	242	
REB	A27	4,572,864	2/1986	Shinton et al	428	305.5	
REB	A28	4,581,285	4/1986	Mahefkey, Jr.	428	285	
REB	A29	4,596,738	6/1986	Metcalfe, et al	428	308.4	
REB	A30	4,617,332	10/1986	Salzer	524	4	
REB	A31	4,645,697	2/1987	Torigoe	428	43	
REB	A32	4,649,895	3/1987	Yasuki, et al	126	263	
REB	A33	4,658,515	4/1987	Oatman	36	44	
REB	A34	4,708,812	11/1987	Hatfield	252	70	
REB	A35	4,711,813	12/1987	Salzer et al	428	402	
REB	A36	4,747,240	5/1988	Voisin et al	52	173	
REB	A37	4,755,407	7/1988	Mortensen et al	428	36	
REB	A38	4,797,160	1/1989	Salzer	106	96	

REZ	A39	4,869,954	9/1989	Squitieri	428	283	
REZ	A40	4,871,615	10/1989	Vigo	428	398	
REZ	A41	4,908,238	3/1990	Vigo	427	389	
REZ	A42	4,233,359	11/1980	Mimura et al.	428	254	
REZ	A43	4,525,406	6/1985	Pollock	428	137	
REZ	A44	4,581,286	4/1986	Fottinger et al.	428	288	
REZ	A45	4,752,526	6/1988	Daimon et al.	428	332	
REZ	A46	4,925,732	1/1990	Driskill et al.	428	336	
REZ	A47	5,176,672	1/1993	Bruemmer et al.	604	385.1	
REZ	A48	5,227,230	7/1993	McGlade	428	319.1	
REZ	A49	5,254,380	10/1993	Salzer	428	053.55	
REZ	A50	5,378,528	1/1995	Makoui	428	720029	
REZ	A51	4,983,798	1/1991	Eckler et al.	219	010.55	
REZ	A52	4,989,418	2/1991	Hewlett	62	457.4	
REZ	A53	5,020,164	6/1991	Edwards	2	239	
REZ	A54	5,053,446	10/1991	Salzer	524	8	
REZ	A55	5,143,765	9/1992	Maier et al.	428	304.4	
REZ	A56	5,499,460	3/1996	Bryant et al.	36	43	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
	A57	0213191	12/1993	Japan				
	A58	0101392	4/1990	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

REZ	A59	Vale et al., "Phase Change Materials Handbook", September 1971, pp 7-1 to 7-3
REZ	A60	"Textiles that Adapt to Heat and Cold", Inside R&D, October 17, 1984, pp. 3-4
	A61	A.P. Shlosinger and W. Woo; "Feasibility Study of Integral-Heat-Sink-Space-Suit Concepts"
REZ	A62	Peg's Promise; The Department of Agriculture studies the use of an inexpensive polymer that could lead to clothing that cools and warms its wearer, by Penny Kron, Apparel Industry Magazine, Sept. 1988
REZ	A63	Fabrics given enhanced thermal properties; October 20, 1986 C&EN p. 15-16

EXAMINER

DATE CONSIDERED

[Signature]

10/16/03

- * EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.